

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024537.D
 Acq On : 28 Oct 2016 12:45
 Operator : UM/SJ
 Sample : H5424-05RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Oct 28 23:26:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

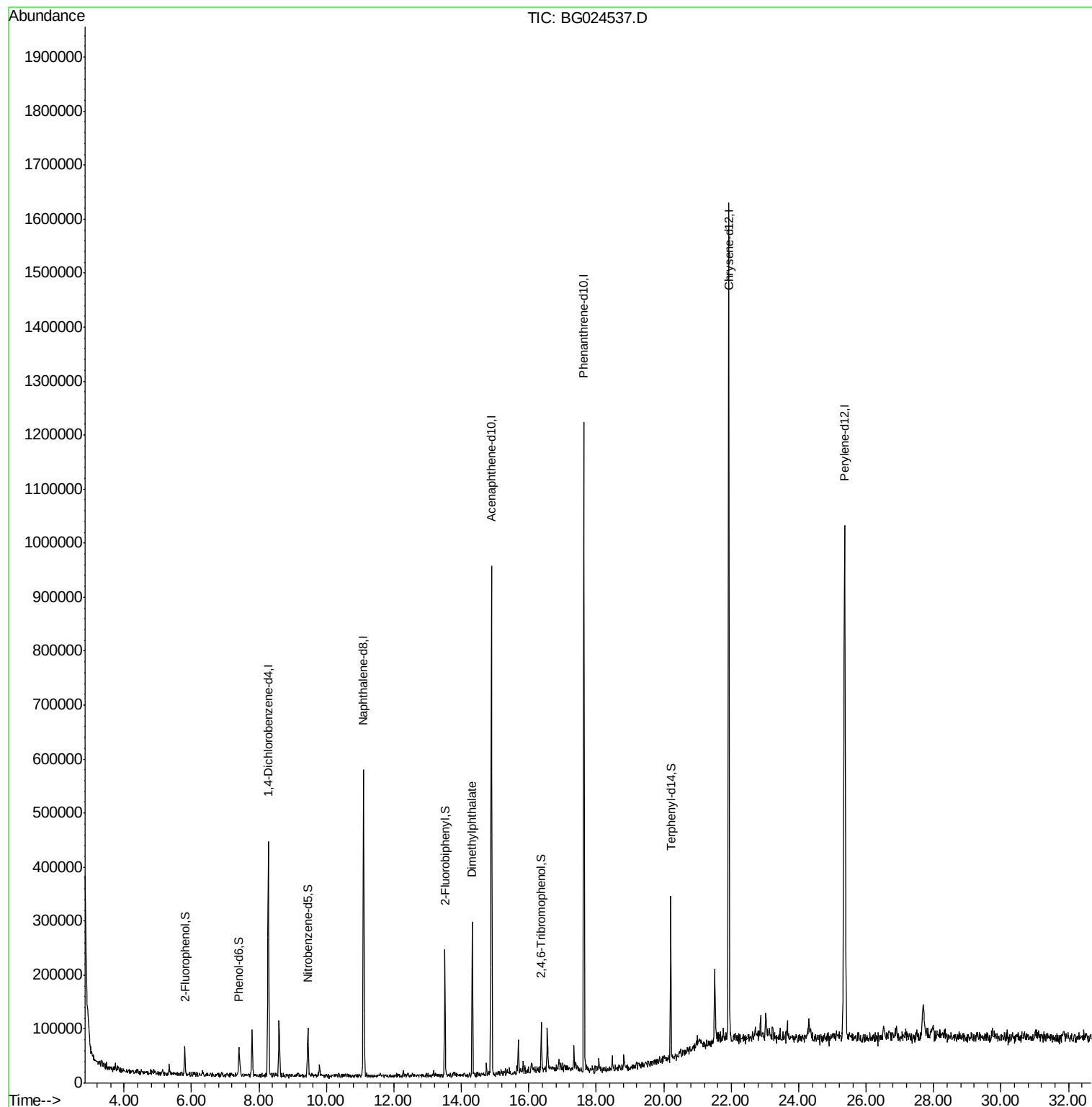
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	115095	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	446839	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	344581	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	746352	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1079808	20.00	ng	0.00
86) Perylene-d12	25.36	264	1134373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	25246	3.60	ng	0.00
7) Phenol-d6	7.40	99	25703	2.67	ng	0.00
23) Nitrobenzene-d5	9.45	82	60464	6.16	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	15662	3.04	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	118654	5.72	ng	0.00
78) Terphenyl-d14	20.21	244	140345	3.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	171696	7.02	ng	Qvalue # 98

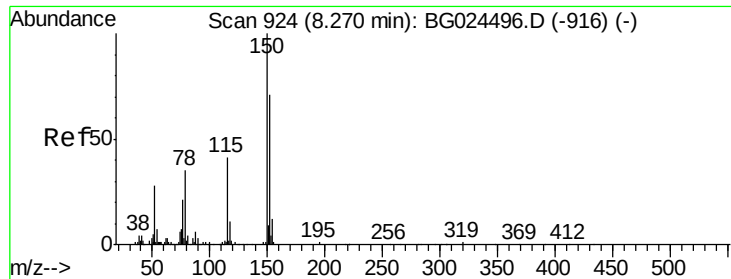
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

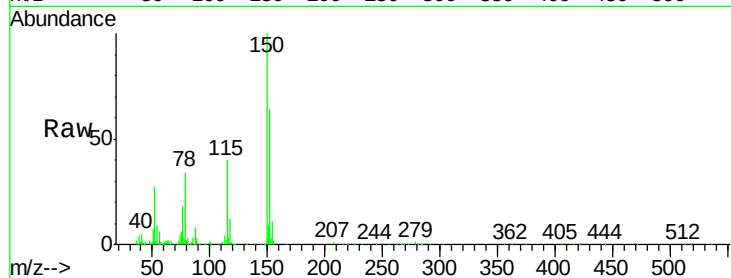
Tgt Ion:152 Resp: 115095

Ion Ratio Lower Upper

152 100

150 157.4 114.0 171.0

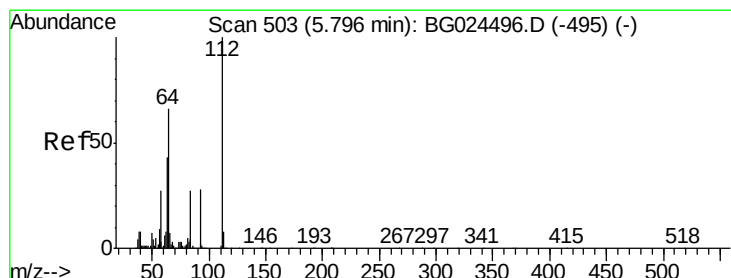
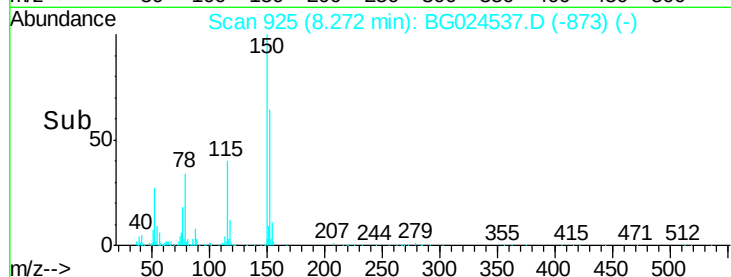
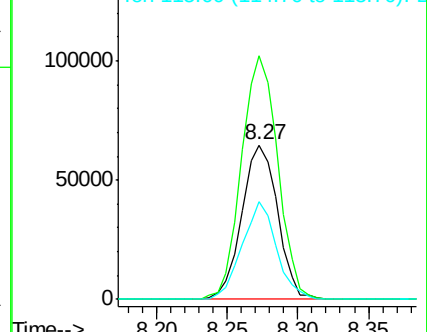
115 63.3 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 3.60 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

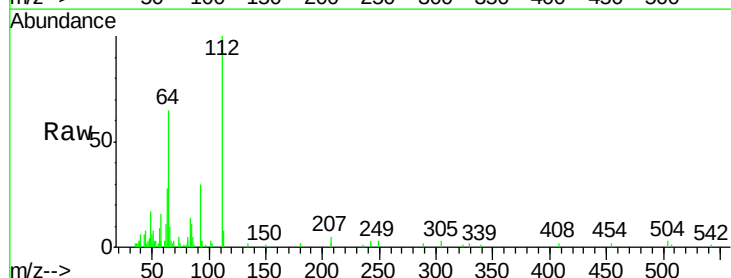
Tgt Ion:112 Resp: 25246

Ion Ratio Lower Upper

112 100

64 65.1 61.8 92.6

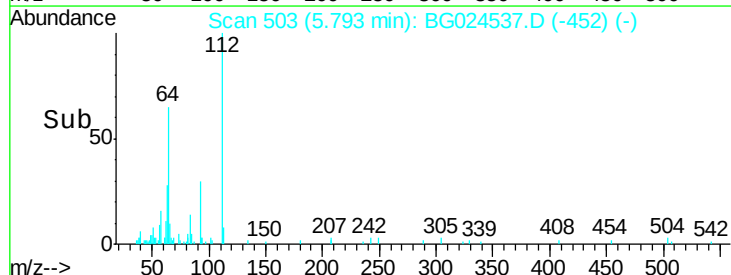
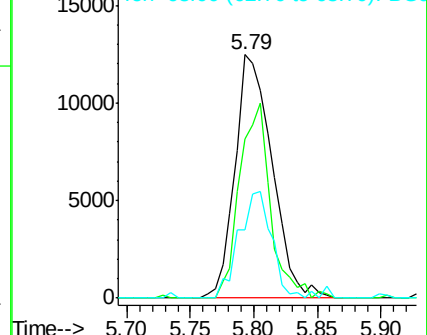
63 28.1 37.2 55.8#

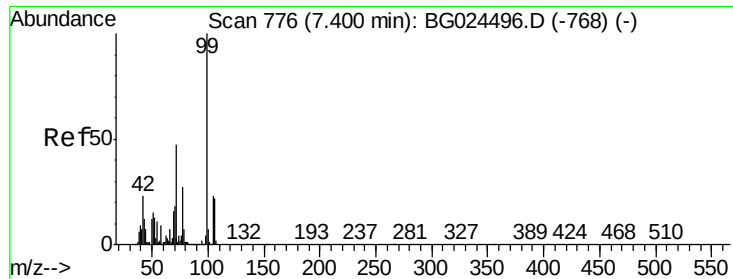


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.67 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

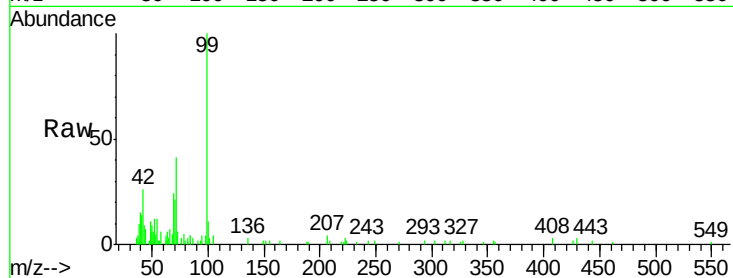
Tgt Ion: 99 Resp: 25703

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

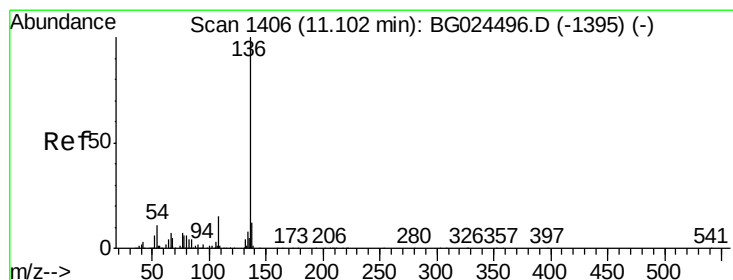
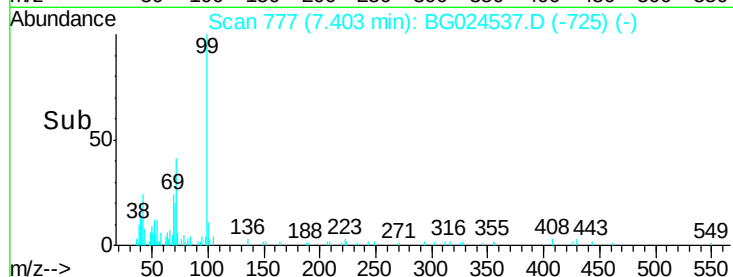
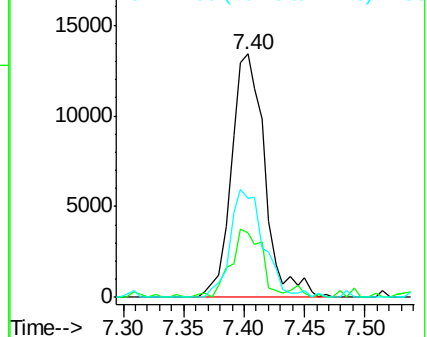
71 40.6 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

Tgt Ion: 136 Resp: 446839

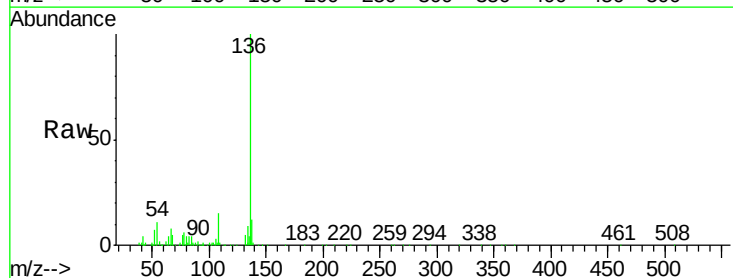
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 11.3 9.3 13.9

68 5.1 5.1 7.7#

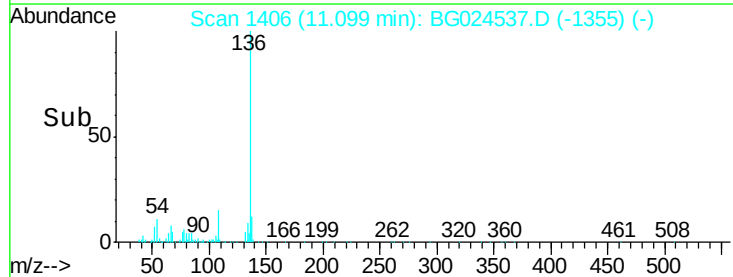
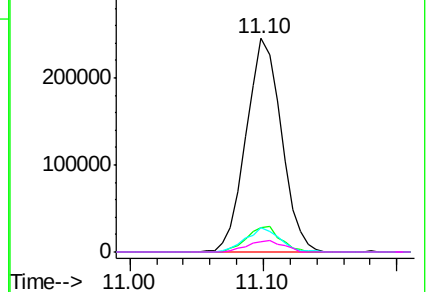


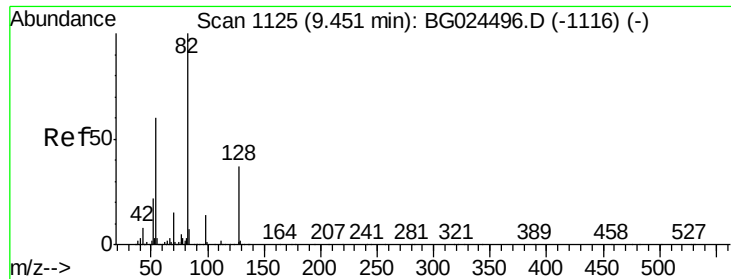
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

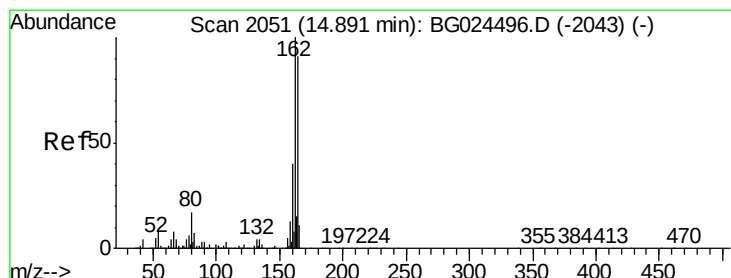
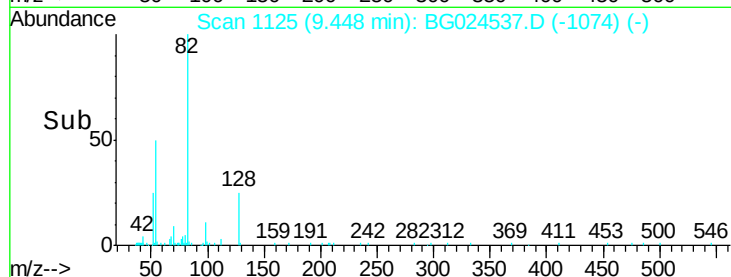
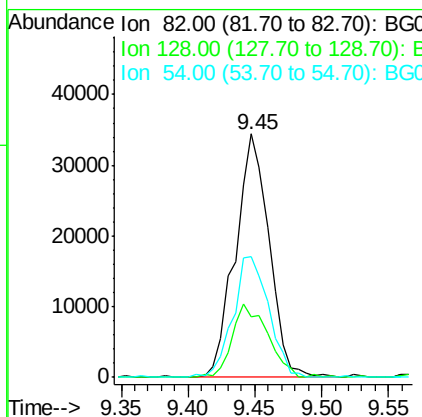
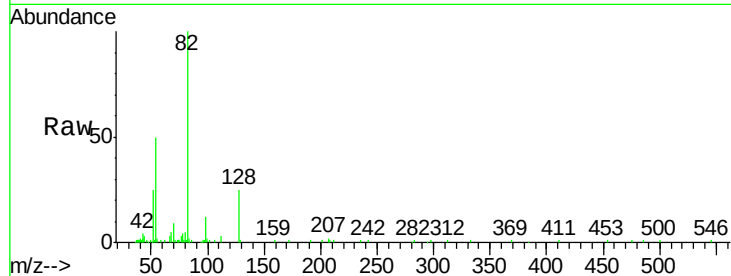




#23
 Nitrobenzene-d5
 Concen: 6.16 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024537.D
 Acq: 28 Oct 2016 12:45

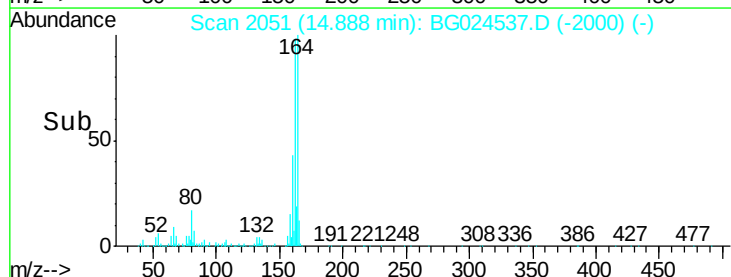
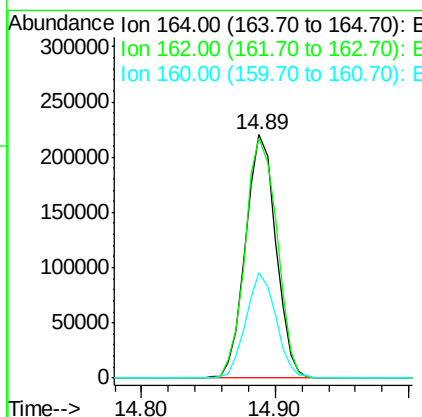
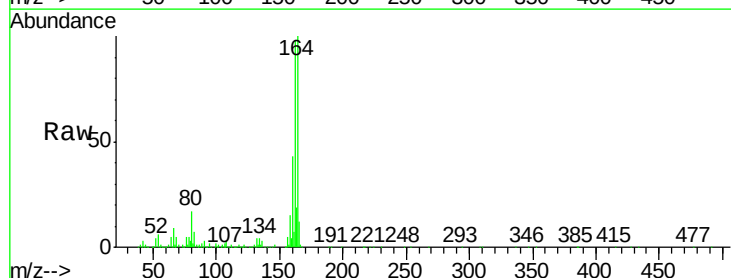
Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

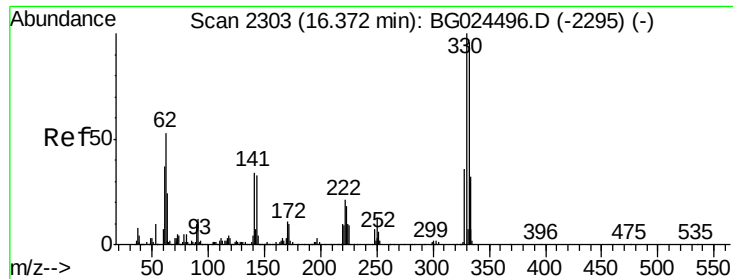
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.9	26.4	39.6
54	49.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024537.D
 Acq: 28 Oct 2016 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	85.1	127.7
160	43.2	34.7	52.1

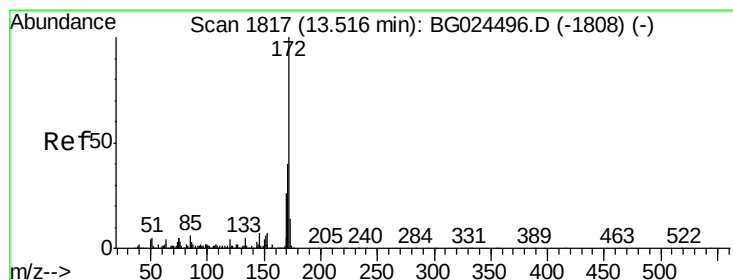
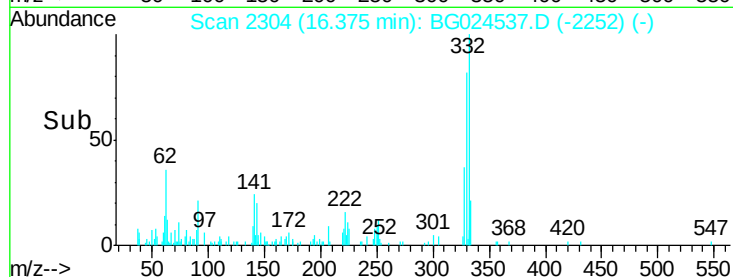
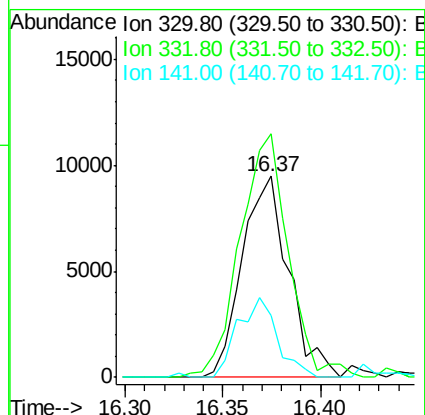
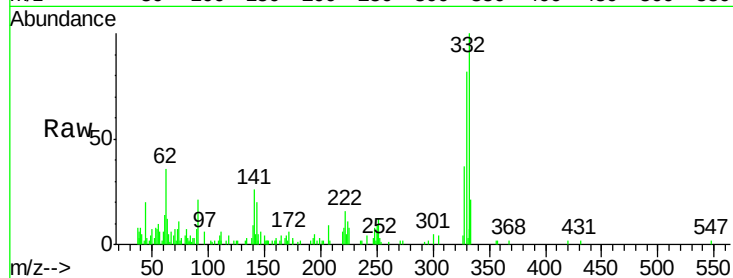




#41
 2,4,6-Tribromophenol
 Concen: 3.04 ng
 RT: 16.37 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: BG024537.D
 Acq: 28 Oct 2016 12:45

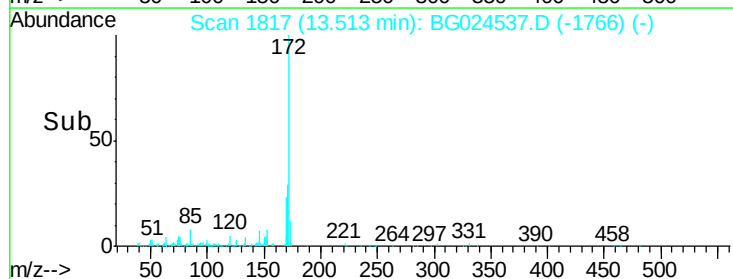
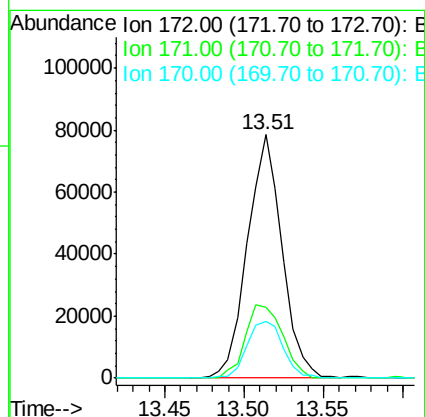
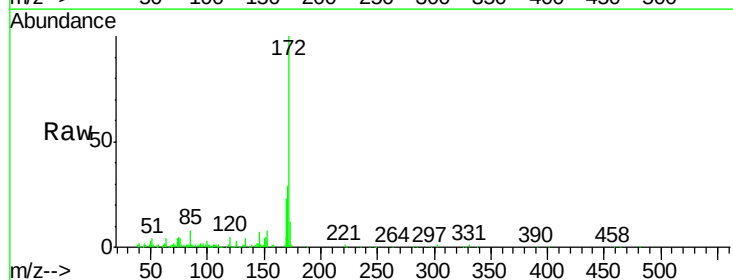
Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

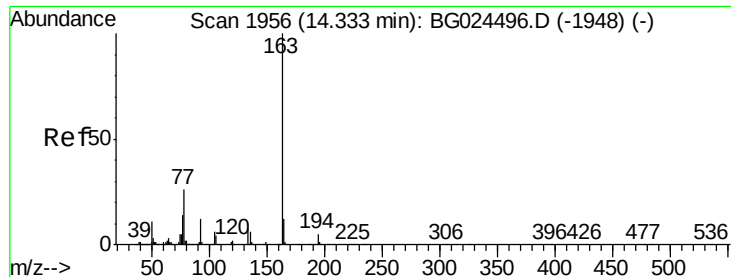
Tgt Ion:330 Resp: 15662
 Ion Ratio Lower Upper
 330 100
 332 125.8 77.3 115.9#
 141 33.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 5.72 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024537.D
 Acq: 28 Oct 2016 12:45

Tgt Ion:172 Resp: 118654
 Ion Ratio Lower Upper
 172 100
 171 28.9 32.2 48.2#
 170 23.3 21.8 32.6





#49

Dimethylphthalate

Concen: 7.02 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

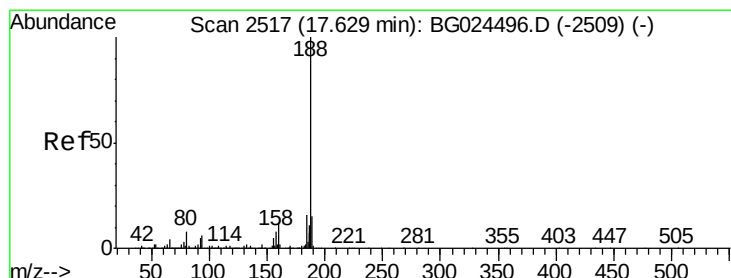
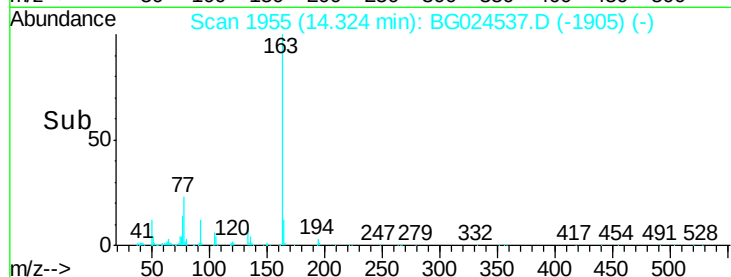
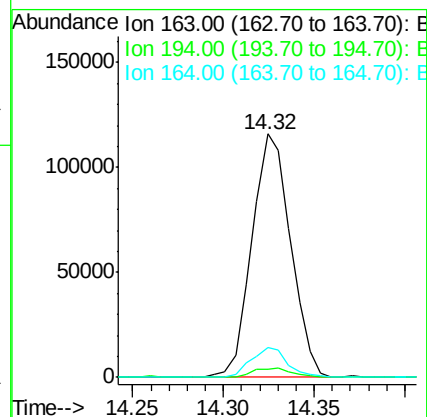
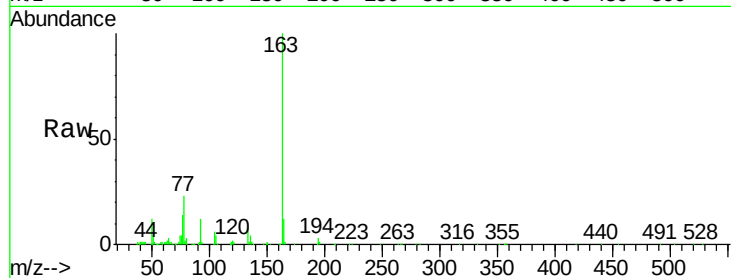
Tgt Ion:163 Resp: 171696

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

164 12.3 9.3 13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

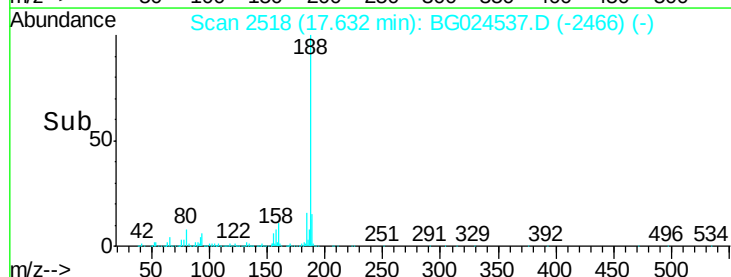
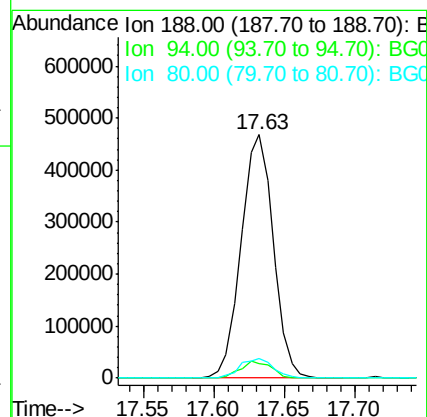
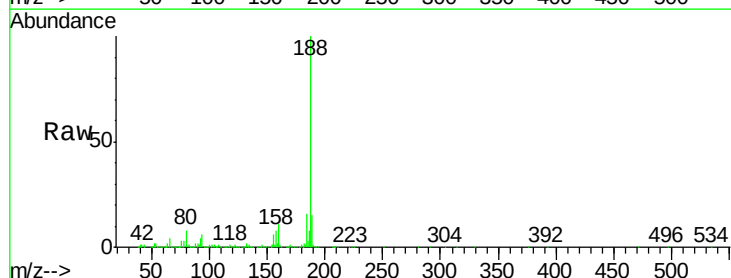
Tgt Ion:188 Resp: 746352

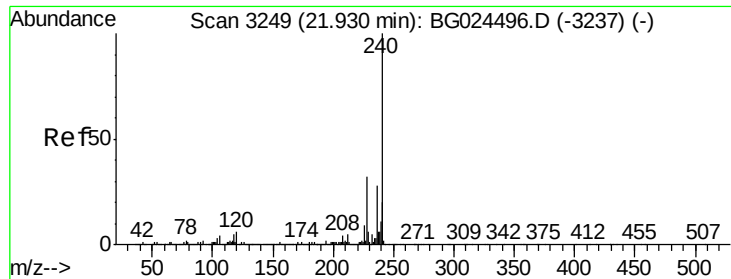
Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

80 8.1 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

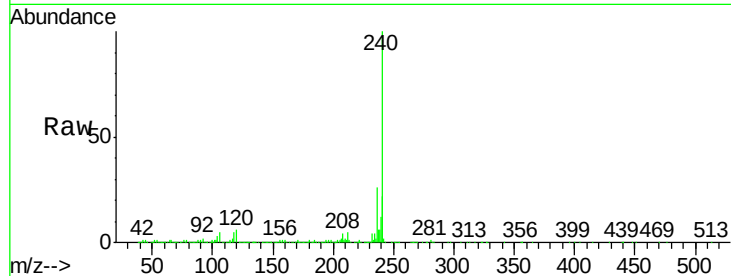
Tgt Ion:240 Resp: 1079808

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

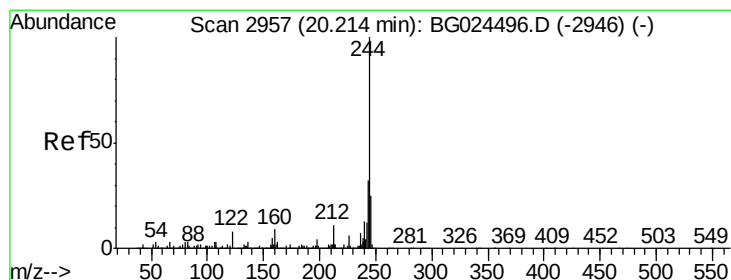
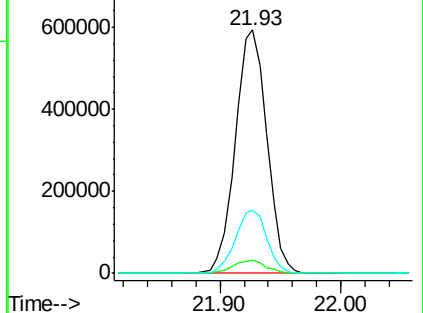
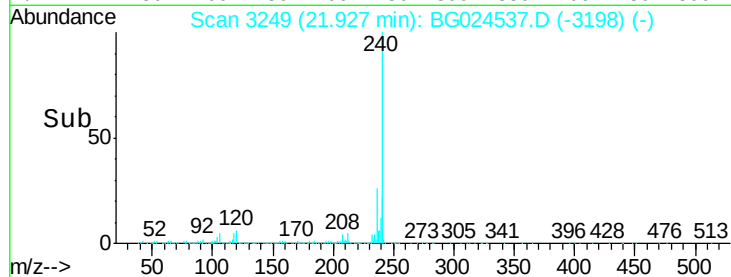
236 26.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 3.88 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024537.D

Acq: 28 Oct 2016 12:45

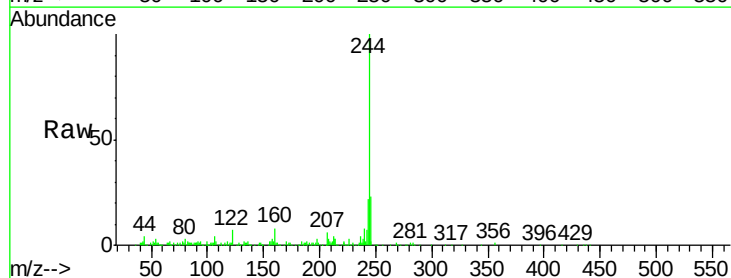
Tgt Ion:244 Resp: 140345

Ion Ratio Lower Upper

244 100

212 4.4 10.0 15.0#

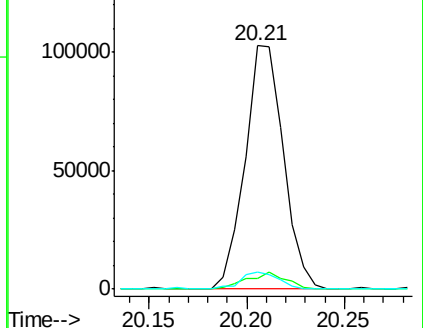
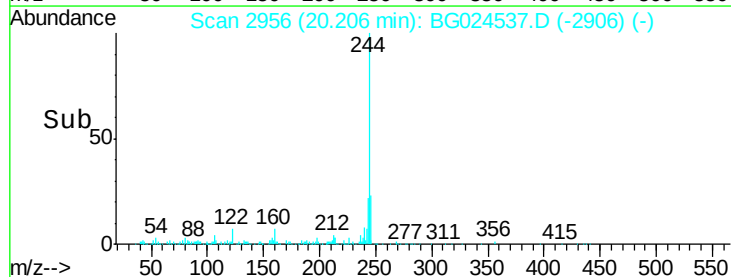
122 7.0 8.6 12.8#

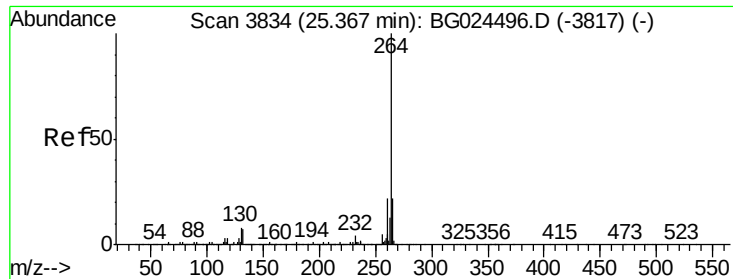


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3834
Delta R.T. -0.00 min
Lab File: BG024537.D
Acq: 28 Oct 2016 12:45

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

Tgt Ion:264 Resp: 1134373

Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	20.5	18.2	27.4

